

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S144	1	(barycentric and (homogeneous or homogenous) and (vertex or vertices) and interpolat\$3).CLM.	US-PGPUB	OR	ON	2005/10/14 12:16
S143	1	(barycentric and (homogeneous or homogenous) and (vertex or vertices) and interpolat\$3 and space).CLM.	US-PGPUB	OR	ON	2005/10/14 12:16
S140	10	("5361368" "5361386" "5877773" "6275235" "6380936").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 12:15
S142	1	S140 and (homogeneous or homogenous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 10:42
S85	3	(S75 or S76 or S77 or S78) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 10:41
S139	0	(S134 or S135) and ((vertices or vertex) and (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:58
S138	1	(S134 or S135) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:58
S137	0	(S134 or S135) and ((triangle or polygon) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:58
S136	0	(S134 or S135) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:58
S60	1	(S55 or S56) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:58

S13 5	226	358/525.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S13 4	250	348/588.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S13 3	3	S132 and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S13 2	32	(S124 or S125 or S126) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S57	0	(S55 or S56) and (triangle or polygon) same (homogenous adj3 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S52	27	(S44 or S47 or S48) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:57
S13 1	0	(S124 or S125 or S126) and ((vertices or vertex) and (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:48
S13 0	0	(S124 or S125 or S126) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:48
S12 9	4	(S124 or S125 or S126) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:48
S51	0	(S44 or S47 or S48) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:48

S50	4	(S44 or S47 or S48) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:47
S12 3	80	382/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:46
S12 2	190	345/606.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:46
S12 8	0	(S124 or S125 or S126) and ((triangle or polygon) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S12 7	0	(S124 or S125 or S126) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S12 6	345	382/293.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S12 5	791	382/260.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S12 4	485	382/300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S12 1	68	345/614.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45
S49	0	(S44 or S47 or S48) and (triangle or polygon) same (homogenous adj3 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:45

S46	78	382/277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:44
S31	57	345/614.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:44
S17	170	345/606.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:44
S12 0	38	345/612.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:43
S11 9	66	345/607-610.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:43
S30	30	345/612.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:43
S11 8	7	(S103) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:42
S35	5	(S29) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:42
S28	58	345/607-610.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:42
S11 7	5	S115 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41

S11 6	87	(S103) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41
S11 5	22	(S103) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41
S11 4	87	(S103) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41
S43	3	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41
S42	85	(S29) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:41
S11 3	22	(S103) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:40
S41	18	(S29) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:40
S11 2	1	(S103) and ((vertices or vertex) and (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:39
S11 1	0	(S103) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:39
S40	0	(S29) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:39

S39	0	(S29) and ((triangle or polygon) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:39
S10 9	1	(S92 or S93 or S94) and ((barycentric) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S10 8	1	(S92 or S93 or S94) and ((triangle or polygon) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S10 7	2	(S75 or S76 or S77 or S78) and ((barycentric) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S10 6	2	(S75 or S76 or S77 or S78) and ((triangle or polygon) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S96	1	(S92 or S93 or S94) and ((barycentric) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S95	1	(S92 or S93 or S94) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S82	1	(S75 or S76 or S77 or S78) and ((barycentric) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S81	1	(S75 or S76 or S77 or S78) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:38
S10 5	0	(S103) and ((triangle or polygon) same (homogeneous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:37

S10 4	0	(S103) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:37
S10 3	991	345/619.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:37
S32	0	(S29) and (triangle or polygon) same (homogenous adj3 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:37
S10 2	16	(S98 or S100) and (homogenous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:18
S10 1	20	(S98 or S100) and (homogeneous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:18
S10 0	22	S98 and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:17
S99	16	S97 and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:02
S98	368	(S92 or S93 or S94) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:02
S97	213	(S92 or S93 or S94) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S94	1105	345/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01

S93	769	345/582.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S92	581	345/581.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S26	323	(S16 or S18 or S19) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S25	191	(S16 or S18 or S19) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S21	1	(S16 or S18 or S19) and (triangle or polygon) same (homogenous adj3 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 09:01
S91	69	S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41
S90	379	(S75 or S76 or S77 or S78) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41
S89	246	(S75 or S76 or S77 or S78) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41
S88	379	(S75 or S76 or S77 or S78) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41
S15	61	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41

S14	355	(S4 or S5 or S6 or S7) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:41
S87	23	S86 and (barycentric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:38
S86	246	(S75 or S76 or S77 or S78) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:38
S13	229	(S4 or S5 or S6 or S7) and ((vertices or vertex) and (linear\$2 near3 interpolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:38
S12	3	(S4 or S5 or S6 or S7) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:37
S84	1	(S75 or S76 or S77 or S78) and ((barycentric) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:36
S83	3	(S75 or S76 or S77 or S78) and ((triangle or polygon) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:36
S11	3	(S4 or S5 or S6 or S7) and ((triangle or polygon) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:36
S9	1	(S4 or S5 or S6 or S7) and (triangle or polygon) same (homogenous adj3 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:35
S79	53	(S75 or S76 or S77 or S78) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17

S78	500	345/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17
S77	686	345/427.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17
S76	645	345/426.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17
S75	426	345/423.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17
S8	47	(S4 or S5 or S6 or S7) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 08:17
S74	32	S73 and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:32
S73	262	S72 and ("345"/\$.ccls. or "382"/\$. ccls. or "348"/\$.ccls. or "358"/\$. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:31
S72	331	S71 and triangle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:30
S71	1497	homogeneous near3 (coordinates or coefficients or space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:30
S69	2	gladding-derek.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:30

S70	5	paltashev-timour.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:29
S68	6	prokopenko-boris.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:29
S2	2	paltashev-timour.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:29
S3	1	gladding-derek.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:28
S1	2	prokopenko-boris.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:28
S67	10	("5361368" "5361386" "5877773" "6275235" "6380936").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/30 09:54
S66	6	S64 and (float\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 13:35
S65	1	S64 and (perspective near3 correct\$3) near7 (variable\$1 or parameter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 13:27
S64	9	(US-5550960-\$ or US-6137497-\$ or US-6348919-\$ or US-6380936-\$ or US-6646648-\$ or US-6664958-\$ or US-6686924-\$ or US-6700584-\$ or US-6771264-\$).did.	USPAT	OR	OFF	2005/03/17 11:40
S63	46	S61 and coefficient\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 11:40

S61	87	(perspective near3 correct\$3) near7 (variable\$1 or parameter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 11:40
S5	588	345/426.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/17 11:35
S58	12	(S55 or S56) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:50
S56	215	358/525.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:49
S55	244	348/588.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:49
S54	12	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:49
S53	146	(S44 or S47 or S48) and ((transform\$5 or conver\$5) near5 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:41
S48	331	382/293.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:21
S47	722	382/260.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:20
S44	432	382/300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 15:20

S10	1	(S4 or S5 or S6 or S7) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 13:55
S29	877	345/619.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 13:53
S27	82	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 13:53
S24	2	(S16 or S18 or S19) and ((vertices or vertex) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:47
S23	2	(S16 or S18 or S19) and ((triangle or polygon) and (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:47
S22	1	(S16 or S18 or S19) and ((triangle or polygon) same (homogenous adj3 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:47
S20	46	(S16 or S18 or S19) and barycentric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:35
S19	975	345/589.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:32
S18	686	345/582.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:32
S16	502	345/581.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 12:32

S7	456	345/428.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 10:32
S6	645	345/427.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 10:32
S4	390	345/423.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/16 10:31



Terms used

homogeneous barycentric coefficients vertex view world space

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Sylvain Petitjean

June 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2

Full text available:  [pdf\(3.91 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


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October 1990 **ACM Transactions on Graphics (TOG)**, Volume 9 Issue 4

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4 Technical reports

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Michael Lounsbery, Tony D. DeRose, Joe Warren

January 1997 **ACM Transactions on Graphics (TOG)**, Volume 16 Issue 1

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Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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Keywords: Algebraic surface, Hermite interpolation, computer-aided geometric design, geometric continuity, linear systems

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Marco Paluszny, Richard R. Patterson

July 1993 **ACM Transactions on Graphics (TOG)**, Volume 12 Issue 3

Full text available:  [pdf\(1.01 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

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Keywords: discrete smooth interpolation, non distorted texture mapping, optimization, parametrization

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Tony D. DeRose, Ronald N. Goldman, Hans Hagen, Stephen Mann
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Full text available:  [pdf\(2.19 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

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Keywords: B-splines, Be'zier curves, computer-aided geometric design, free-form deformations, tensor-product surface patches, triangular Be'zier surface patches

10 Volumetric multi-texturing for functionally gradient material representation

Seok-Min Park, Richard H. Crawford, Joseph J. Beaman
May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**

Full text available:  [pdf\(989.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Solid Freeform Fabrication (SFF) methods have demonstrated the potential to manufacture parts from Functionally Gradient Materials (FGM). One of the keys to success is an accurate and systematic representation of varying material distributions in the geometry. This paper introduces a method called Volumetric Multi-Texturing (VMT) to represent a three dimensional density gradient. The scheme originates from volumetric rendering by texturing, which is used in computer graphics to create fuzzy obj ...

Keywords: computational support for new manufacturing technologies, heterogeneous models, product data exchange

11 The computational complexity of knot and link problems

Joel Hass, Jeffrey C. Lagarias, Nicholas Pippenger
March 1999 **Journal of the ACM (JACM)**, Volume 46 Issue 2

Full text available:  [pdf\(189.78 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

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Keywords: computational complexity, knot theory, three-dimensional topology

12 Texture synthesis: Texture design using a simplicial complex of morphable textures

Wojciech Matusik, Matthias Zwicker, Frédo Durand
July 2005 **ACM Transactions on Graphics (TOG)**, Volume 24 Issue 3

Full text available:  [pdf\(1.08 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a system for designing novel textures in the space of textures induced by an input database. We capture the structure of the induced space by a simplicial complex where vertices of the simplices represent input textures. A user can generate new textures by interpolating within individual simplices. We propose a morphable interpolation for textures, which also defines a metric used to build the simplicial complex. To guarantee sharpness in interpolated textures, we enforce histograms o ...

Keywords: data-driven models, image warping, morphable models, texture synthesis

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SIGACT News Staff

January 1980 **ACM SIGACT News**, Volume 12 Issue 1

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14 Creating multisided rational Bézier surfaces using base points

Joe Warren

April 1992 **ACM Transactions on Graphics (TOG)**, Volume 11 Issue 2

Full text available:  [pdf\(4.41 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index terms](#)



Rational Bézier surfaces provide an effective tool for geometric design. One aspect of the theory of rational surfaces that is not well understood is what happens when a rational parameterization takes on the value (0/0, 0/0, 0/0) for some parameter value. Such parameter values are called base points of the parameterization. Base points can be introduced into a rational parameterization in Bézier form by setting weights of appropriate control points to zero. By judiciously int ...

Keywords: blowing up, multisided patches

15 Constrained texture mapping for polygonal meshes

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August 2001 **Proceedings of the 28th annual conference on Computer graphics and interactive techniques**

Full text available:  [pdf\(11.25 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index terms](#)



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Keywords: paint systems, polygonal modeling, texture mapping

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Keywords: Monte Carlo integration, direct lighting, importance sampling, luminaires, ray

17 Techniques for conic splines

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July 1985 **ACM SIGGRAPH Computer Graphics , Proceedings of the 12th annual conference on Computer graphics and interactive techniques**, Volume 19 Issue 3

Full text available:  [pdf\(1.07 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

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18 Generalized B-spline surfaces of arbitrary topology

Charles Loop, T. D. DeRose

September 1990 **ACM SIGGRAPH Computer Graphics , Proceedings of the 17th annual conference on Computer graphics and interactive techniques**, Volume 24 Issue 4

Full text available:  [pdf\(2.76 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

B-spline surfaces, although widely used, are incapable of describing surfaces of arbitrary topology. It is not possible to model a general closed surface or a surface with handles as a single non-degenerate B-spline. In practice such surfaces are often needed. In this paper, we present generalizations of biquadratic and bicubic B-spline surfaces that are capable of capturing surfaces of arbitrary topology (although restrictions are placed on the connectivity of the control mesh). These results are ...

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RESULT LIST

1 result found in the Worldwide database for:

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(Results are sorted by date of upload in database)

1 Method and programmable device for triangle interpolation in homogeneous space

Inventor: PROKOPENKO BORIS (US); PALTASHEV
TIMOUR (US); (+1)

Applicant:

EC: G06F17/17M; G06T15/20

IPC: G06T15/20

Publication info: **US2004145589** - 2004-07-29

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homogeneous barycentric viewer space world

AND ▼

AND

vertex vertices

OR ▼

AND

coefficients coefficient

OR ▼

AND

Date of publication of application — e.g. 19980401 - 19980405

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AND

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